

FIG. 2.



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100 →

SLICE 1 (g/s1)	SLICE 1 (v/s1)
SLICE 2 (g/s2)	SLICE 2 (g/s2)
· · ·	· · ·
SLICE N (g/sN)	SLICE N (v/sN)

102 ↗      101 ↗

**FIG. 3.**

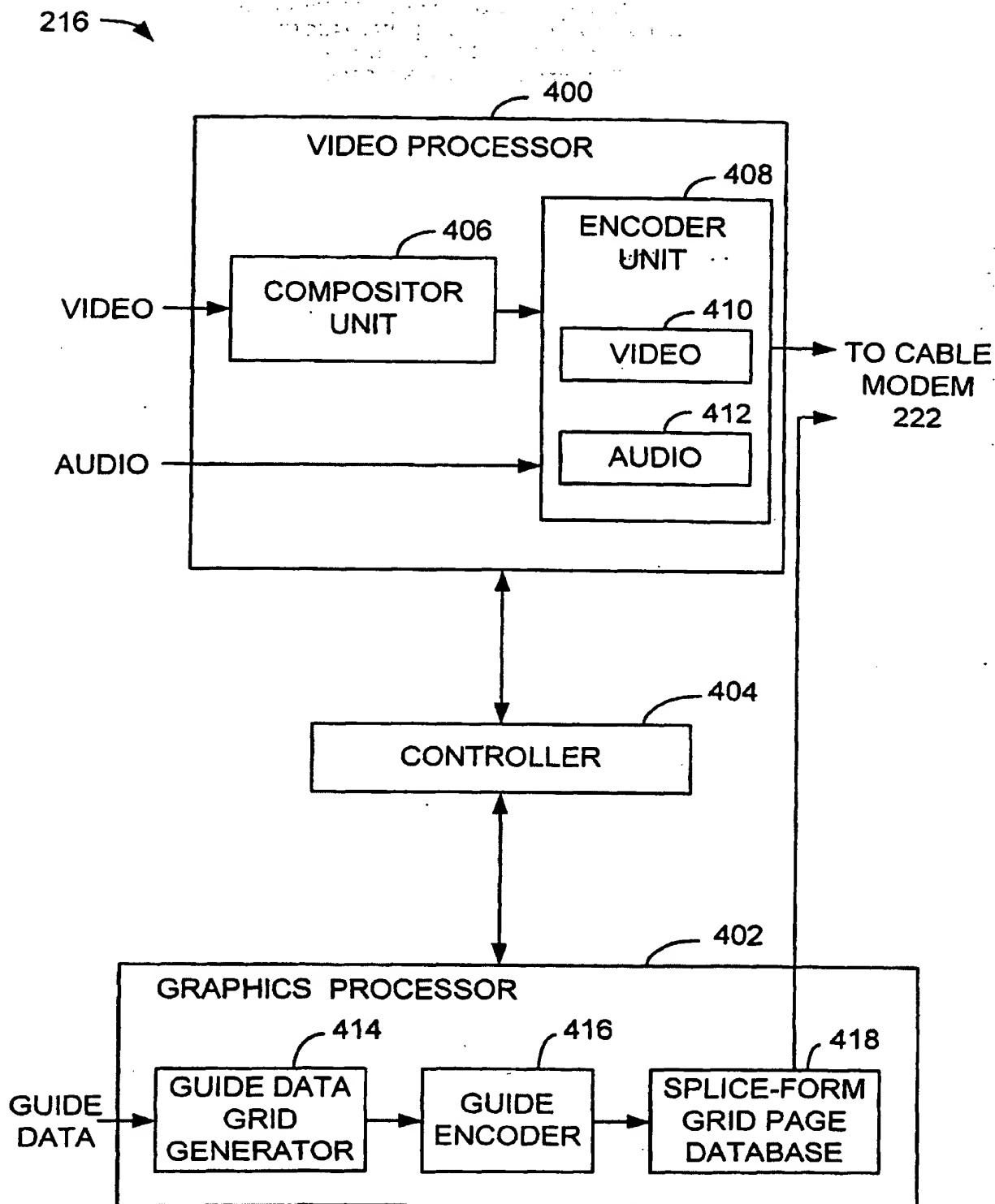
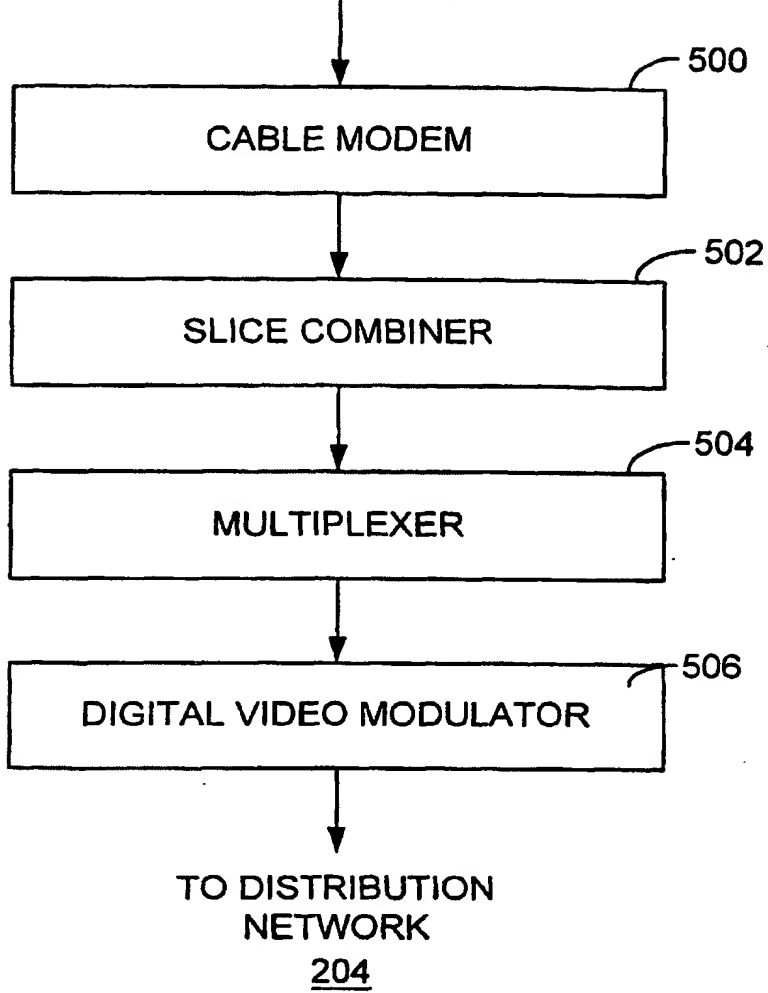


FIG. 4.

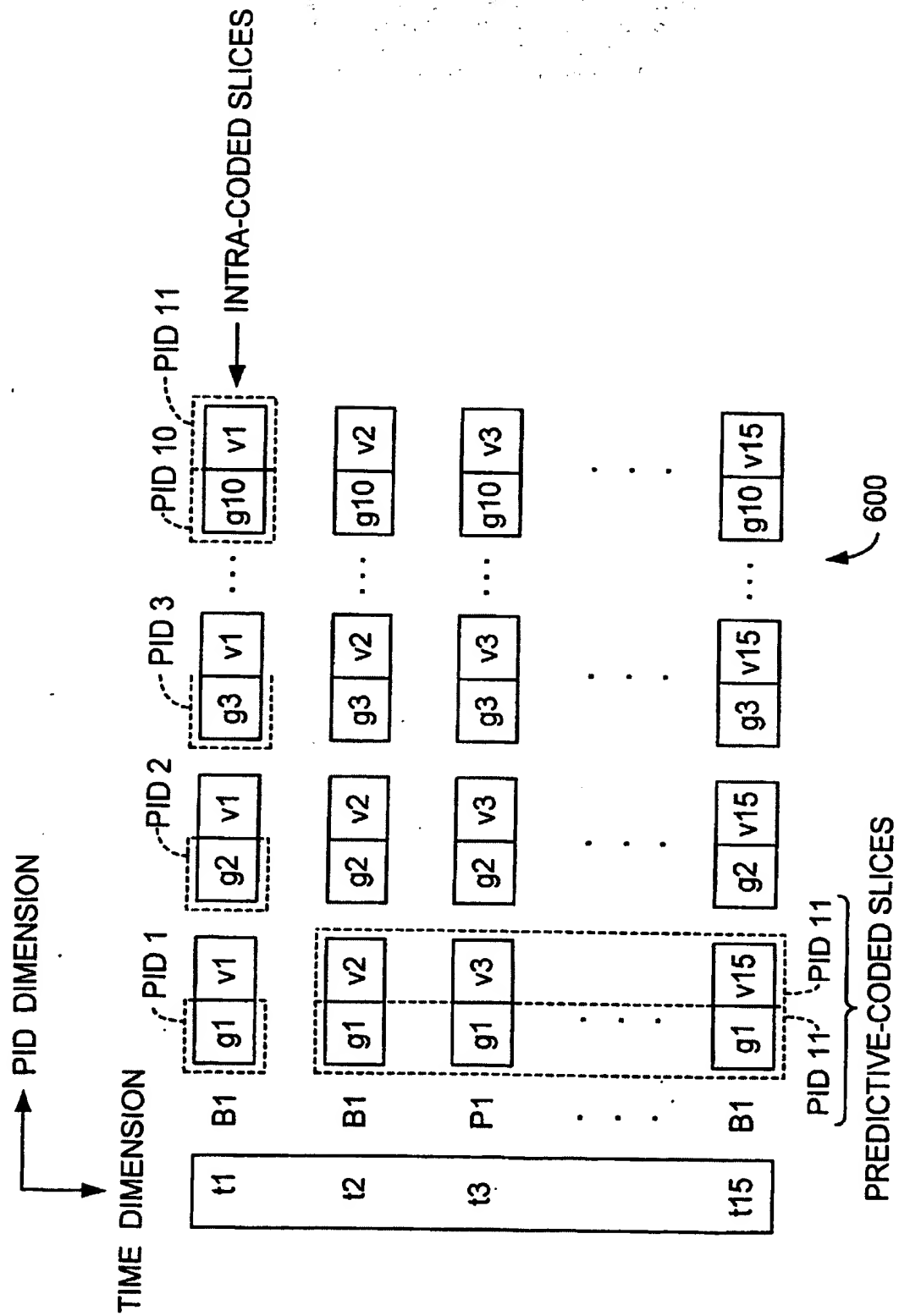
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228 →

FROM HEE 202



**FIG. 5.**



**FIG. 6.**

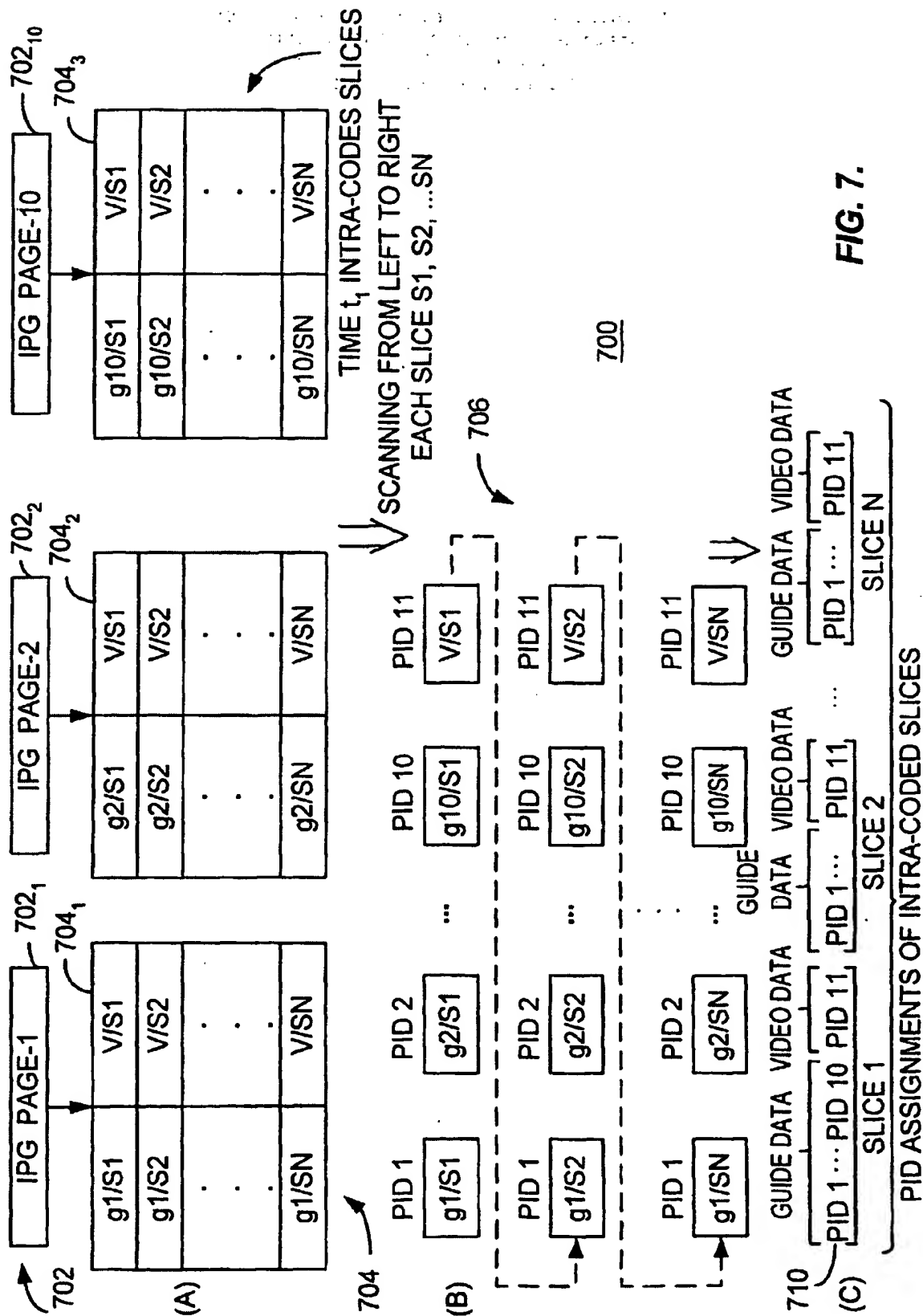
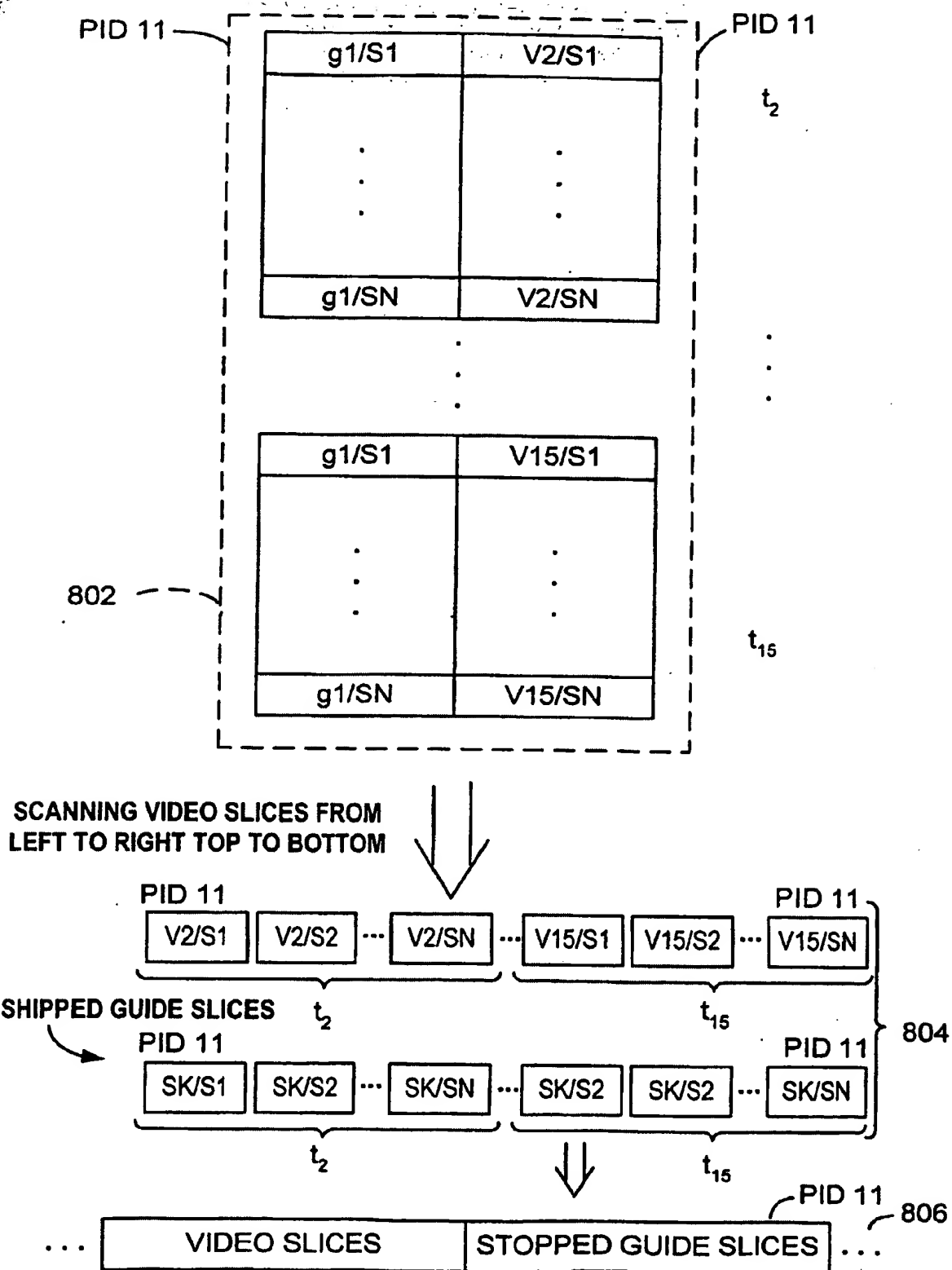


FIG. 7.



**FIG. 8.**



The diagram illustrates a video stream structure. It begins with a 'START' point, followed by a section labeled 'INTRA-CODED SLICES 710'. This section contains a sequence of data blocks: a 'GUIDE' block (PID 1), followed by a 'VIDEO' block (PID 10), then a 'VIDEO' block (PID 11), an 'AUDIO' block (PID 11), another 'VIDEO' block (PID 11), an 'AUDIO' block (PID 11), a 'GUIDE' block (PID 1), and finally a 'VIDEO' block (PID 11) and an 'AUDIO' block (PID 11). This sequence is followed by an 'END' point. Below this, a section labeled 'PREDICTIVE-CODED SLICES 806' is shown, starting from a 'START' point and ending at an 'END' point. This section contains a sequence of data blocks: a 'USER DATA' block (PID 11), followed by a 'VIDEO' block (PID 11), then a 'VIDEO' block (PID 11), an 'AUDIO' block (PID 11), another 'VIDEO' block (PID 11), an 'AUDIO' block (PID 11), a 'GUIDE' block (PID 1), and finally a 'VIDEO' block (PID 11) and an 'AUDIO' block (PID 11). This sequence is followed by an 'END' point.

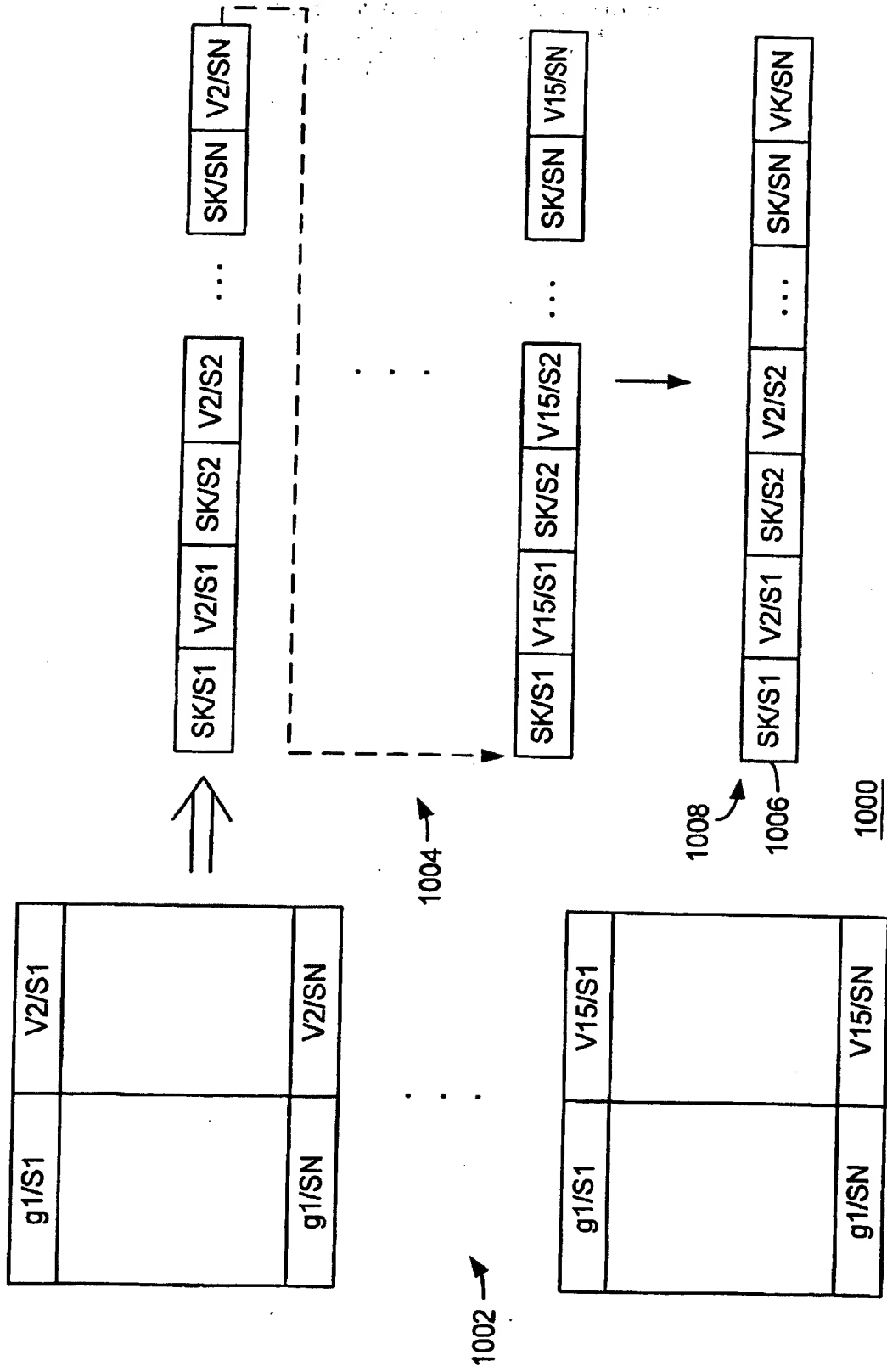
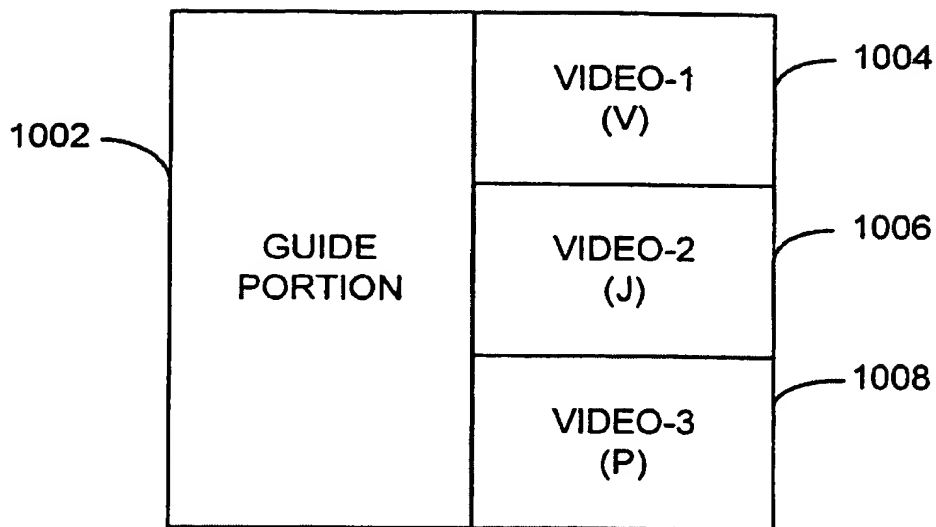


FIG. 10.

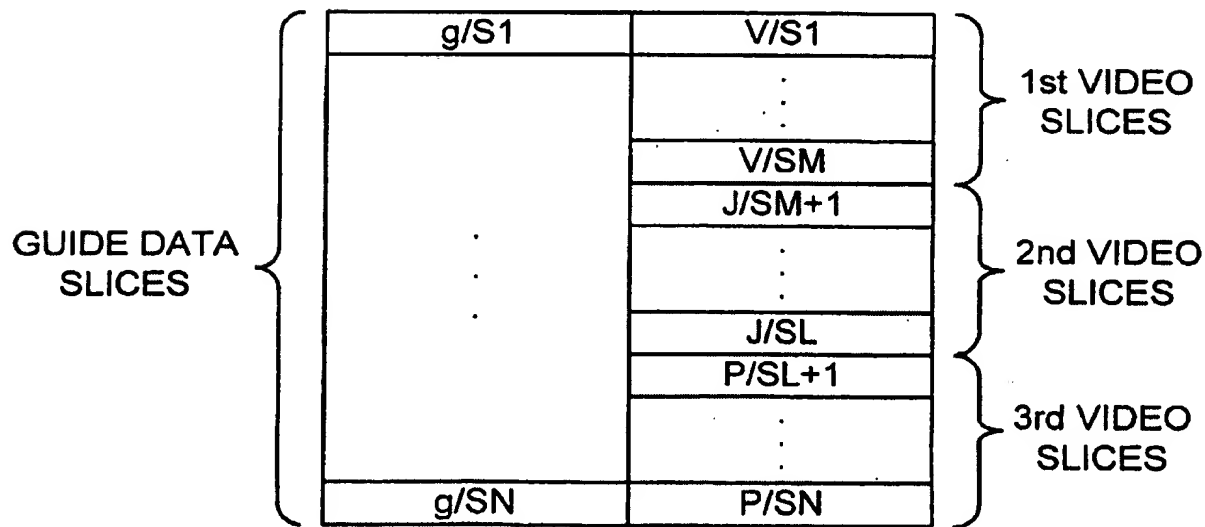


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1100



**FIG. 11A.**



**FIG. 11B.**

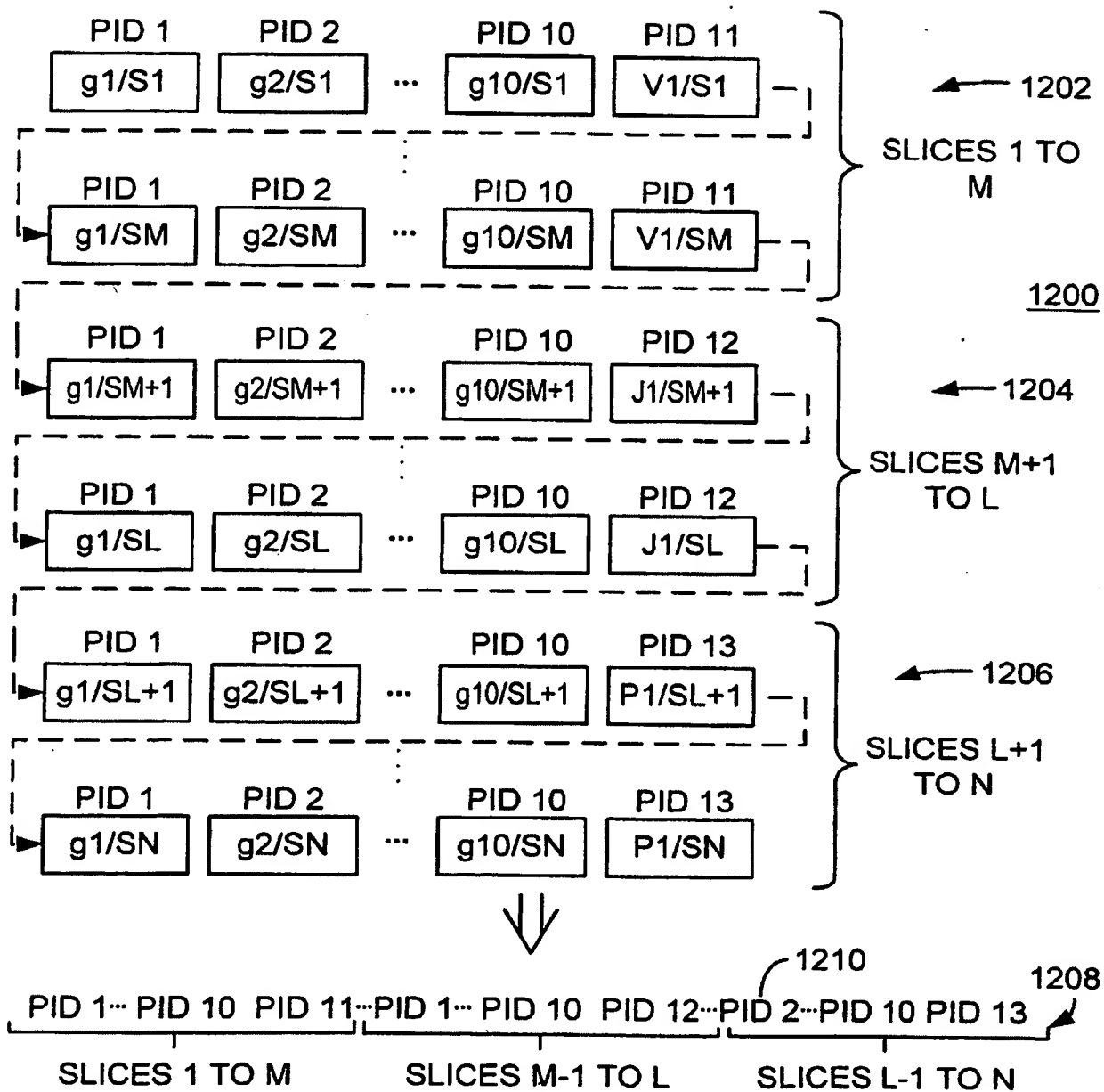


FIG. 12.

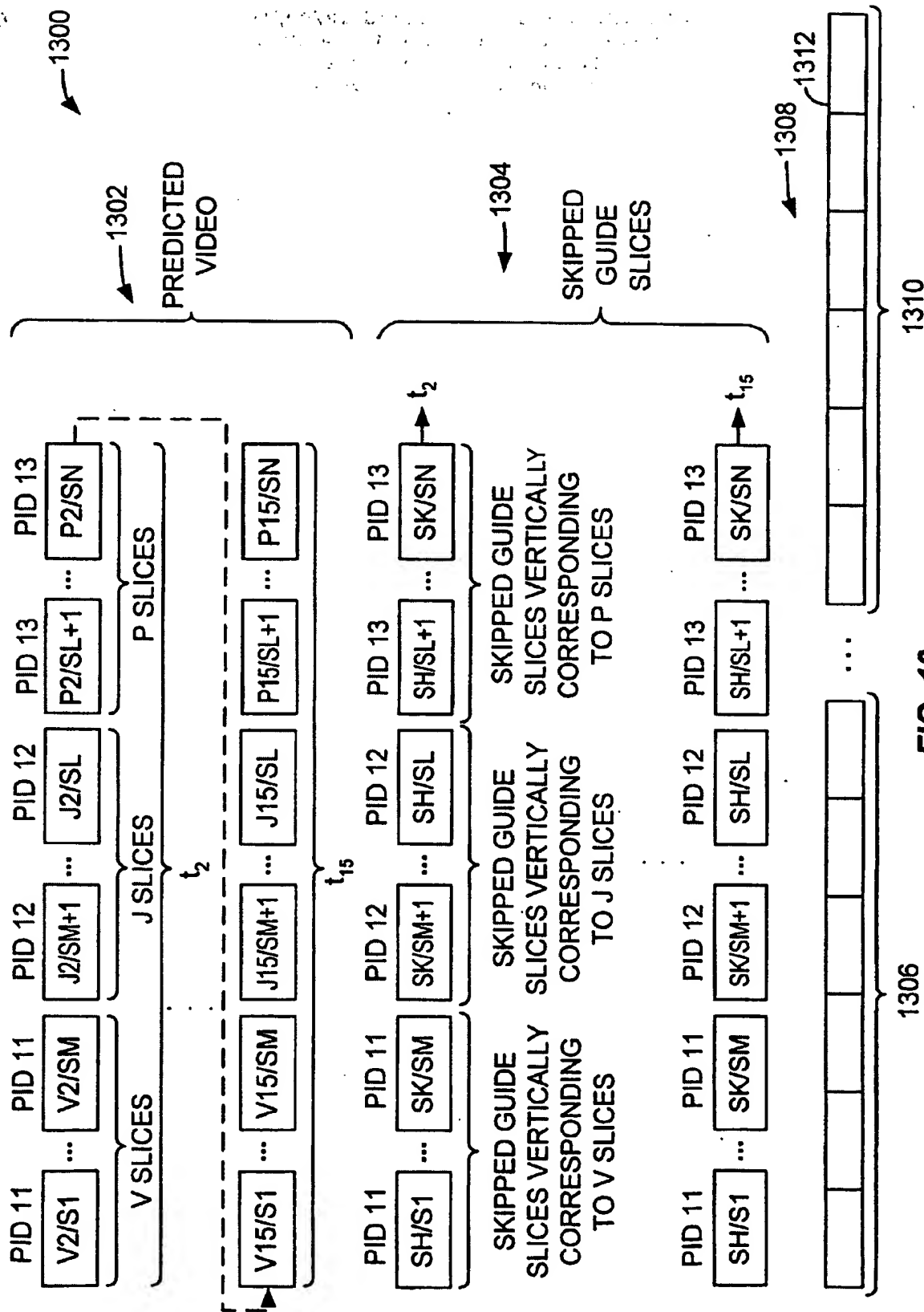


FIG. 13.

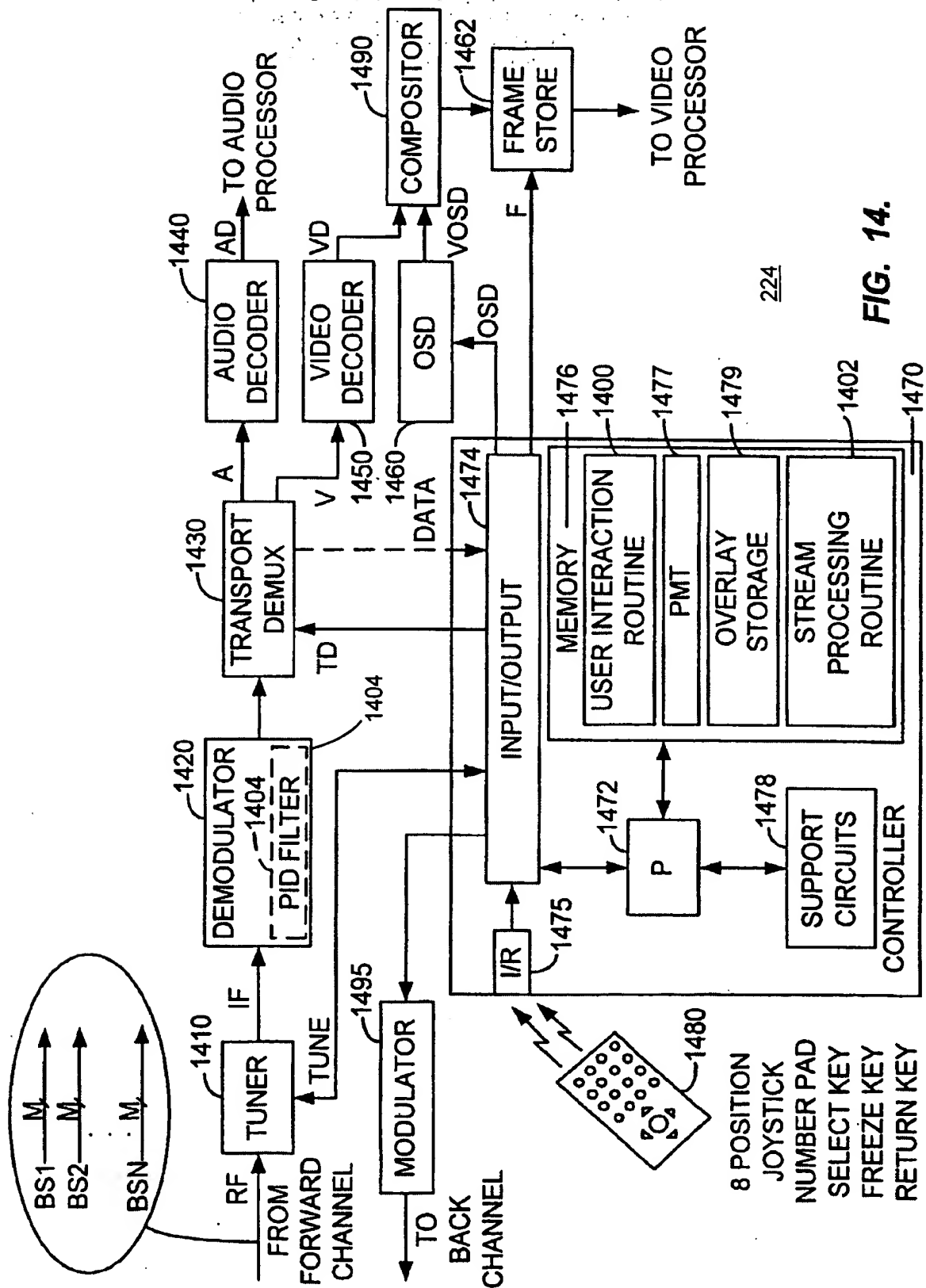


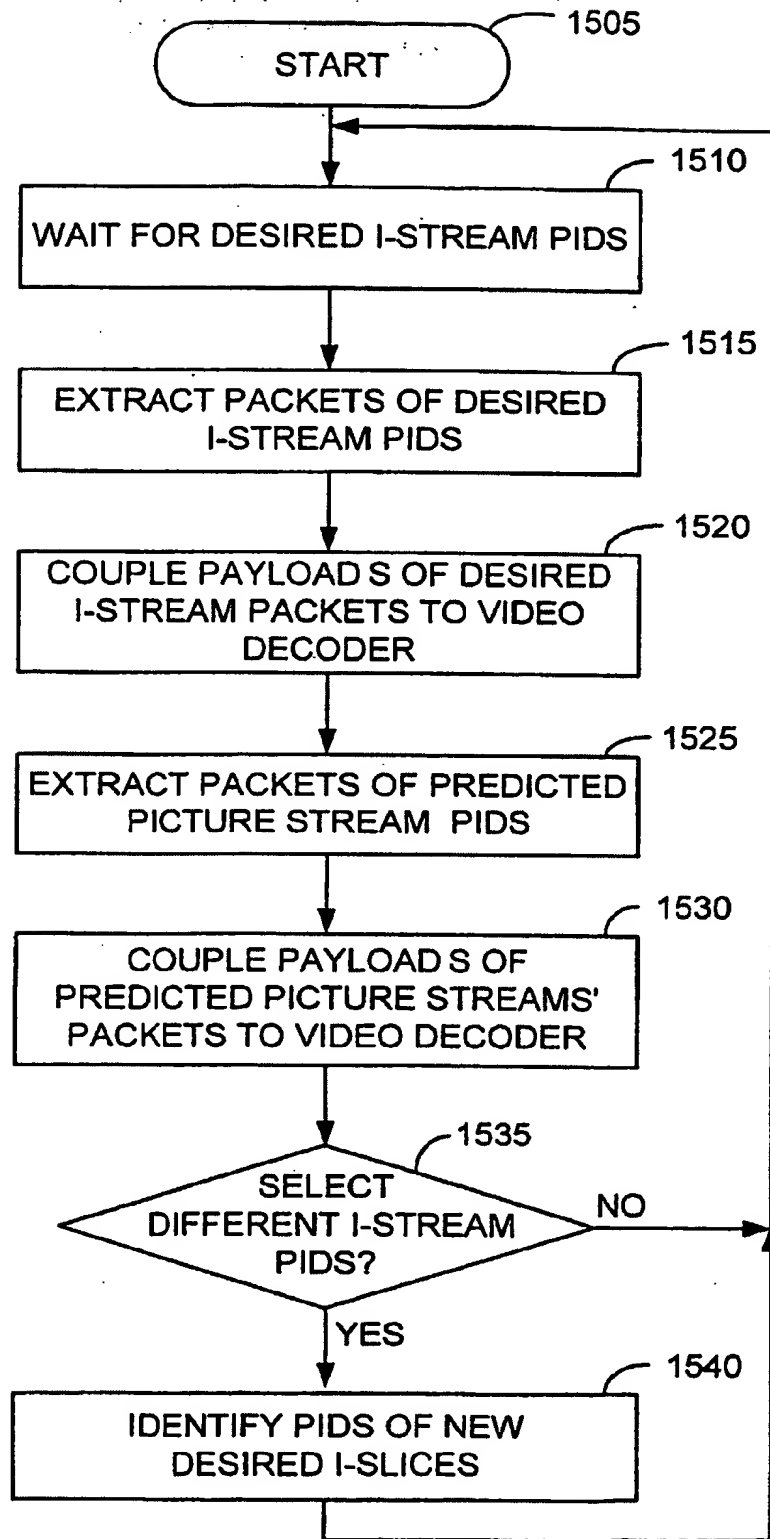
FIG. 14.

224



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1500 →



**FIG. 15.**

1600 →

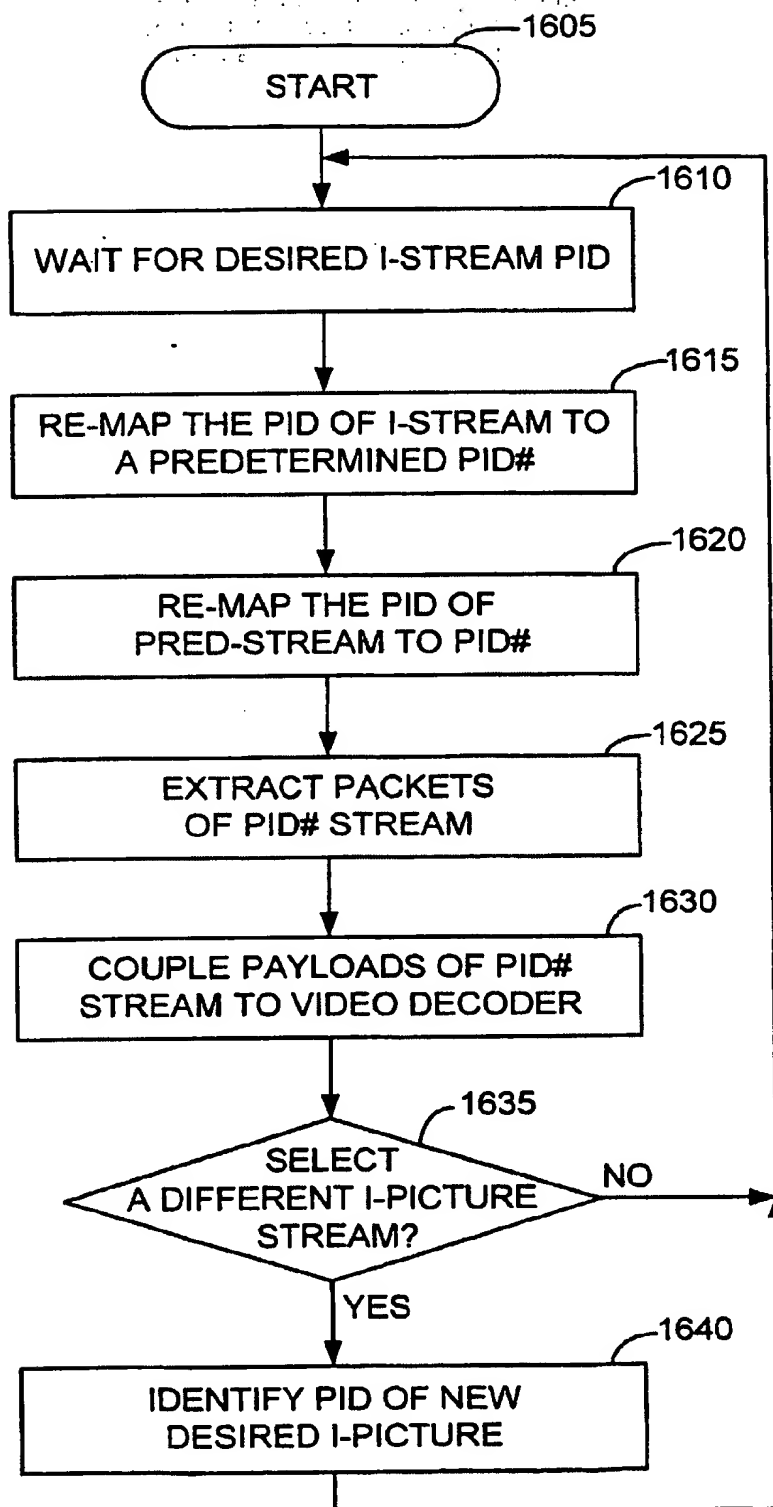


FIG. 16.





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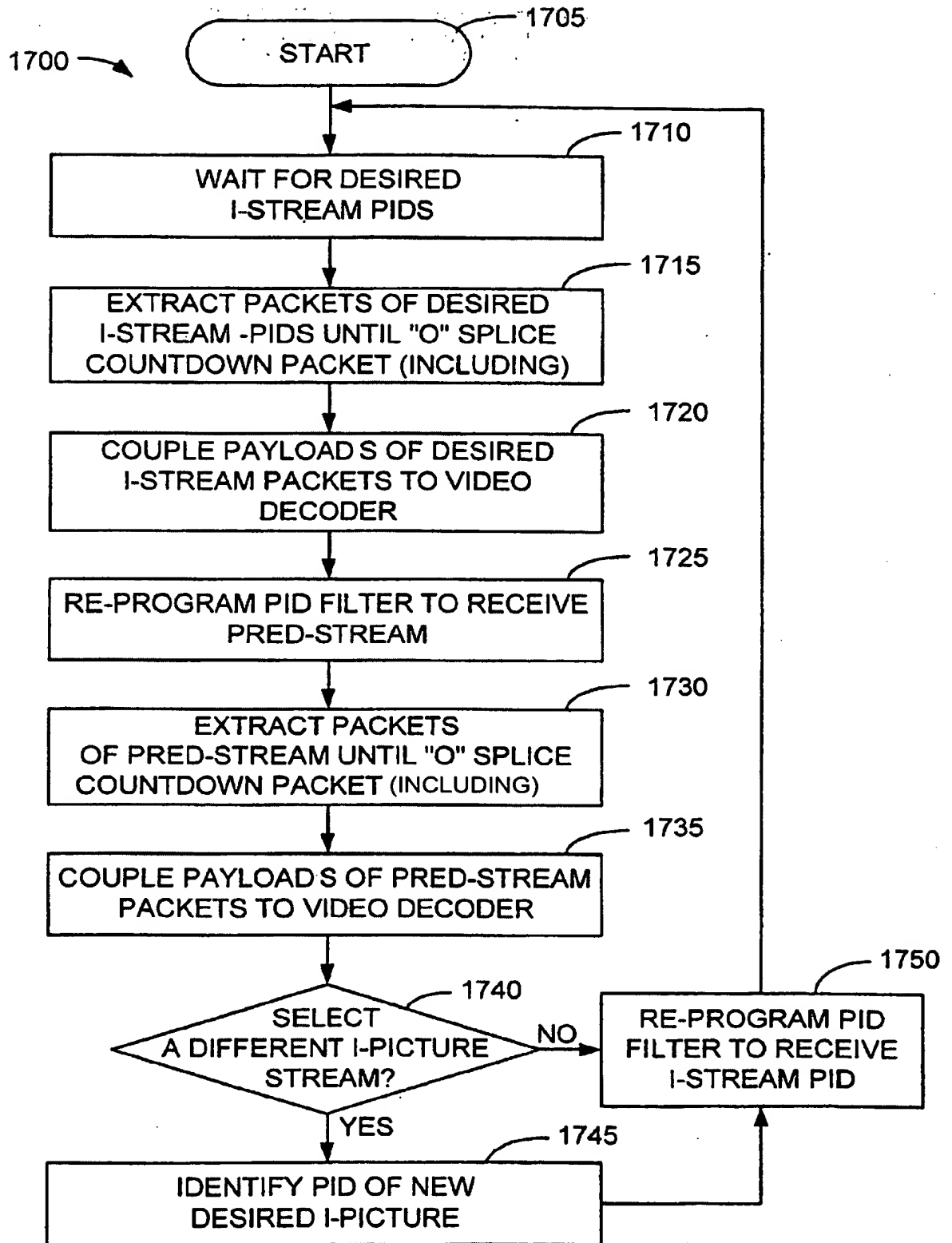


FIG. 17.

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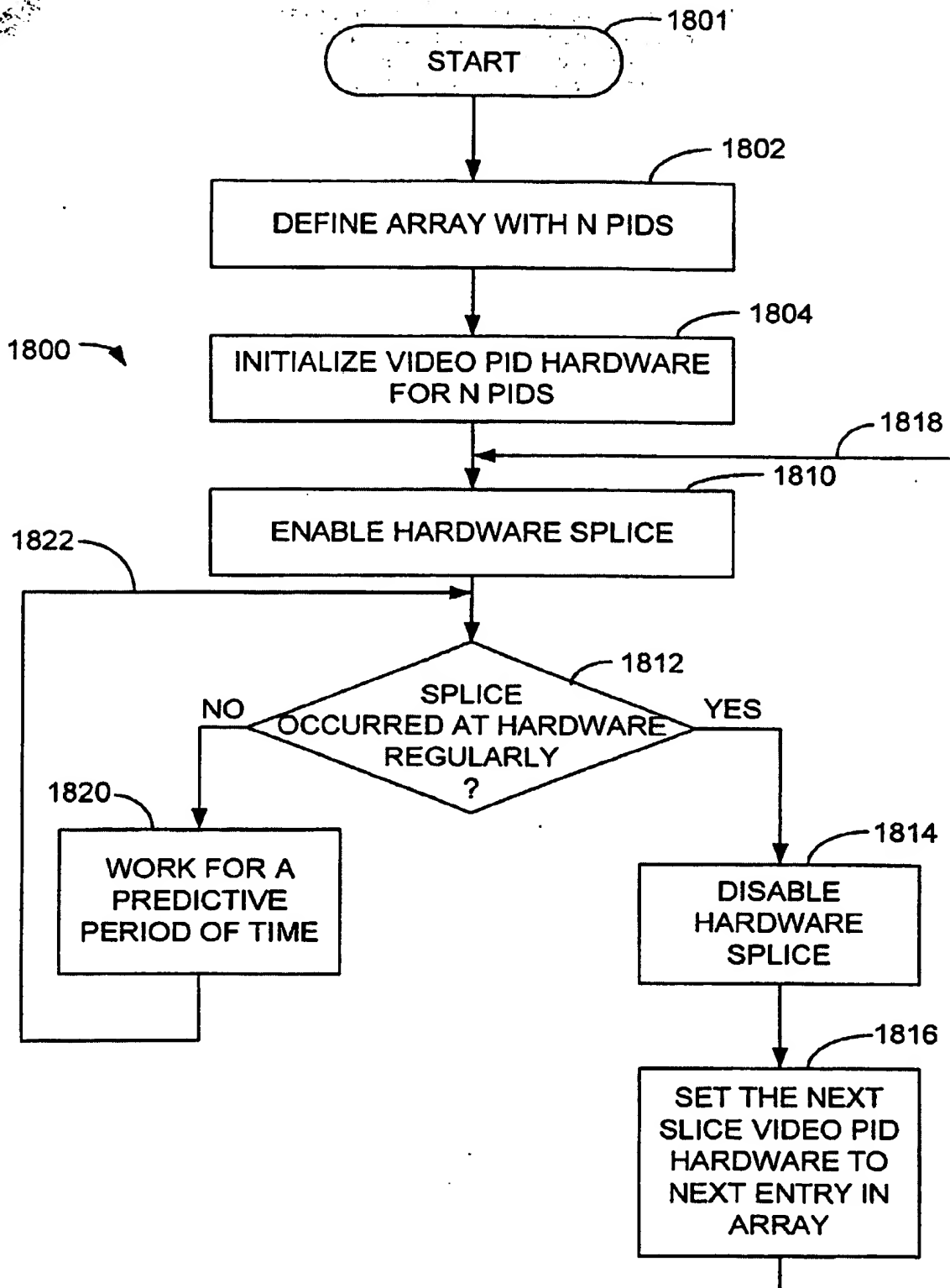


FIG. 18.

TIME =  $T_1$

<u>PID 1</u>	<u>PID 2</u>	<u>PID 3</u> ...	<u>PID 9</u>	<u>PID 10</u>	<u>PID 11</u>	<u>PID 12</u>	<u>PID 13</u>
g1/S1	g2/S1	g3/S1 ...	g9/S1	g10/S1	V1/S1	M1/S1	K1/S1
g1/S2	g2/S2	g3/S2 ...	g9/S2	g10/S2	V1/S2	M1/S2	K1/S2
g1/S3	g2/S3	g3/S3 ...	g9/S3	g10/S3	V1/S3	M1/S3	K1/S3
.	.	.	.	.	.	.	.
.	.	.	.	.	.	.	.
.	.	.	.	.	.	.	.
g1/SN	g2/SN	g3/SN ...	g9/SN	g10/SN	V1/SN	M1/SN	K1/SN

INTRA-CODED GUIDE AND VIDEO

1900

FIG. 19.



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<u>TIME</u>	<u>PID 11</u>	<u>PID 12</u>	<u>PID 13</u>	<u>PID 11</u>	<u>PID 12</u>	<u>PID 13</u> ...	<u>PID 11</u>	<u>PID 12</u>	<u>PID 13</u>
$t_2$	V2/S1	M2/S1	K2/S1	V2/S2	M2/S2	K2/S2 ...	V2/SN	M2/SN	K2/SN ←2002
$t_3$	V3/S1	M3/S1	K3/S1	V3/S2	M3/S2	K3/S2 ...	V3/SN	M3/SN	K3/SN ←2003
$t_4$	V4/S1	M4/S1	K4/S1	V4/S2	M4/S2	K4/S2 ...	V4/SN	M4/SN	K4/SN ←2004
.	.	.	.	.	.	.	.	.	.
.	.	.	.	.	.	.	.	.	.
.	.	.	.	.	.	.	.	.	.
$t_{15}$	V15/S1	M15/S1	K15/S1	V15/S2	M15/S2	K15/S2 ...	V15/SN	M15/SN	K15/SN ←2015

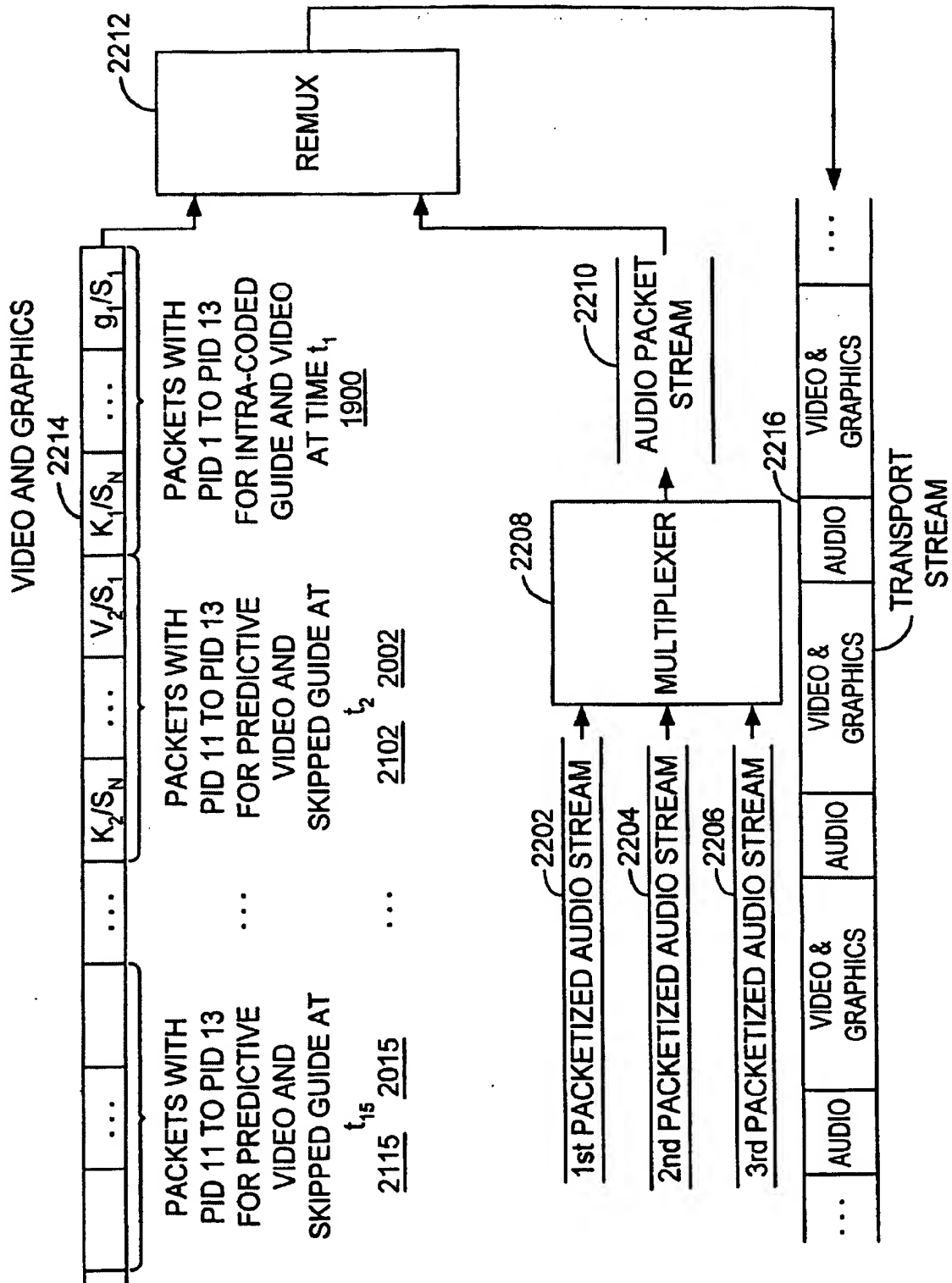
PREDICTED VIDEO  
←2000

FIG. 20.

<u>TIME</u>	<u>PID 11</u>	<u>PID 12</u>	<u>PID 13</u>	<u>PID 11</u>	<u>PID 12</u>	<u>PID 13</u>	<u>PID 11</u>	<u>PID 12</u>	<u>PID 13</u>
$t_2$	SK/S1	SK/S1	SK/S1	SK/S2	SK/S2	SK/S2 ...	SK/SN	SK/SN	SK/SN ←2102
$t_3$	SK/S1	SK/S1	SK/S1	SK/S2	SK/S2	SK/S2 ...	SK/SN	SK/SN	SK/SN ←2103
$t_4$	SK/S1	SK/S1	SK/S1	SK/S2	SK/S2	SK/S2 ...	SK/SN	SK/SN	SK/SN ←2104
.	.	.	.	.	.	.	.	.	.
.	.	.	.	.	.	.	.	.	.
.	.	.	.	.	.	.	.	.	.
$t_{15}$	SK/S1	SK/S1	SK/S1	SK/S2	SK/S2	SK/S2 ...	SK/SN	SK/SN	SK/SN ←210N

SKIPPED GUIDE  
←2100

FIG. 21.





$O_1$	$O_2$	$O_3$
$O_4$	$O_5$	$O_6$
$O_7$	$O_8$	$O_9$

OBJECTS

(A)

$O_1/S_1$	$O_2/S_1$	$O_3/S_1$
$\vdots$	$\vdots$	$\vdots$
$O_1/S_N$	$O_2/S_N$	$O_3/S_N$
$O_4/S_{N+1}$	$O_5/S_{N+1}$	$O_6/S_{N+1}$
$\vdots$	$\vdots$	$\vdots$
$O_4/S_{2N}$	$O_5/S_{2N}$	$O_6/S_{2N}$
$O_7/S_{2N+1}$	$O_8/S_{2N+1}$	$O_9/S_{2N+1}$
$\vdots$	$\vdots$	$\vdots$
$O_7/S_{3N}$	$O_8/S_{3N}$	$O_9/S_{3N}$

SLICE-BASED PARTITIONING

(B)

FIG. 23.

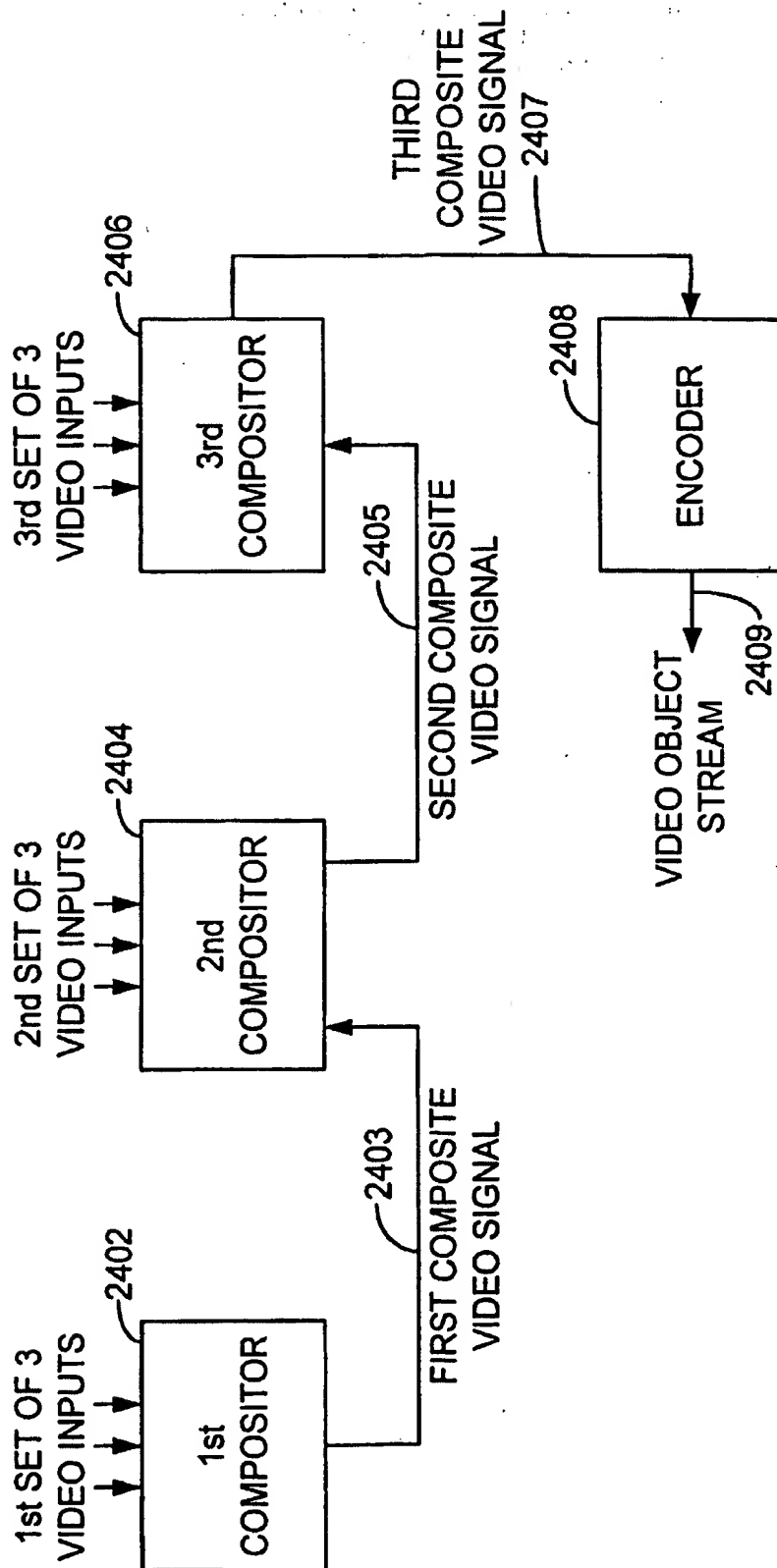


FIG. 24.





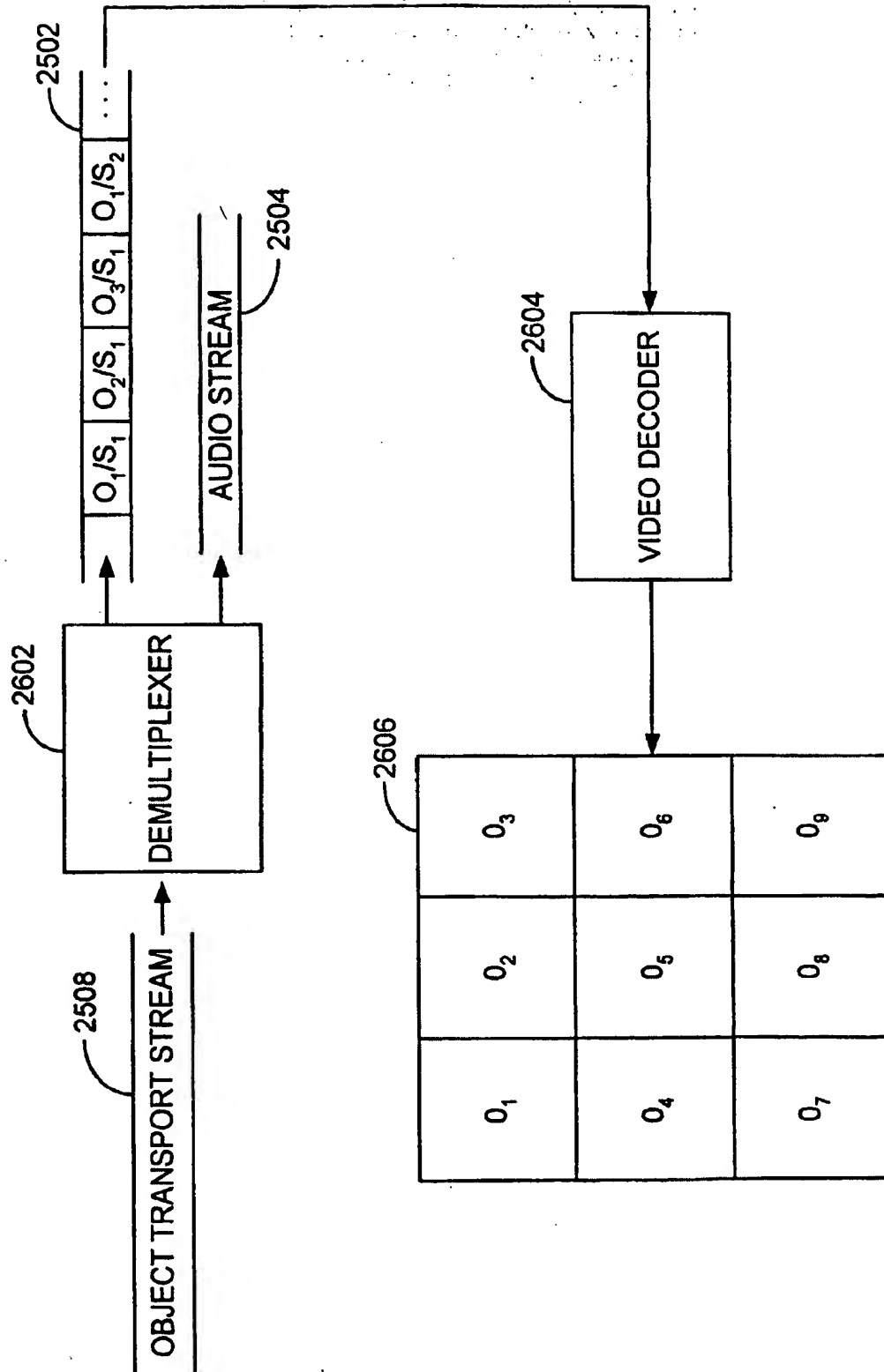


FIG. 26.

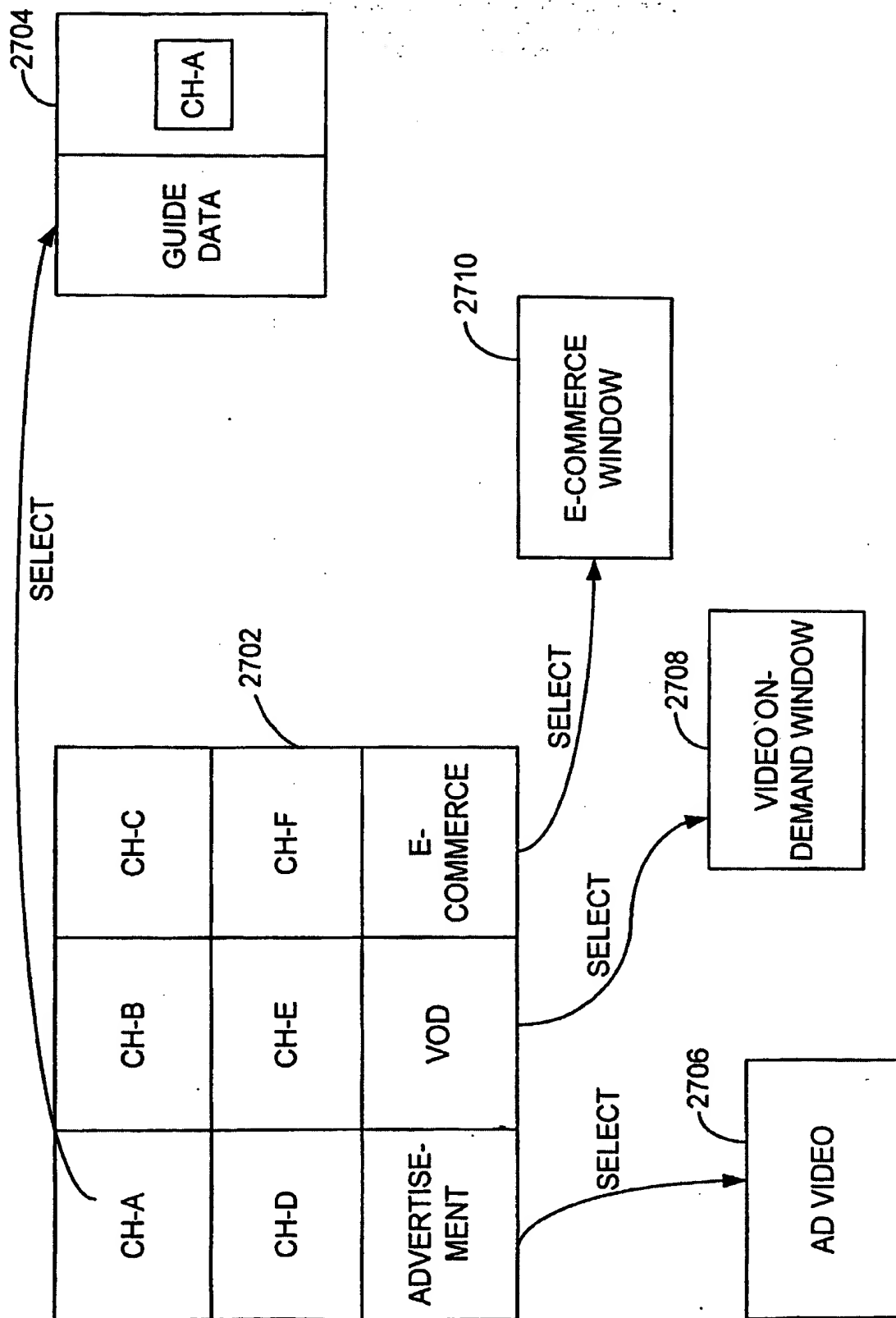


FIG. 27.



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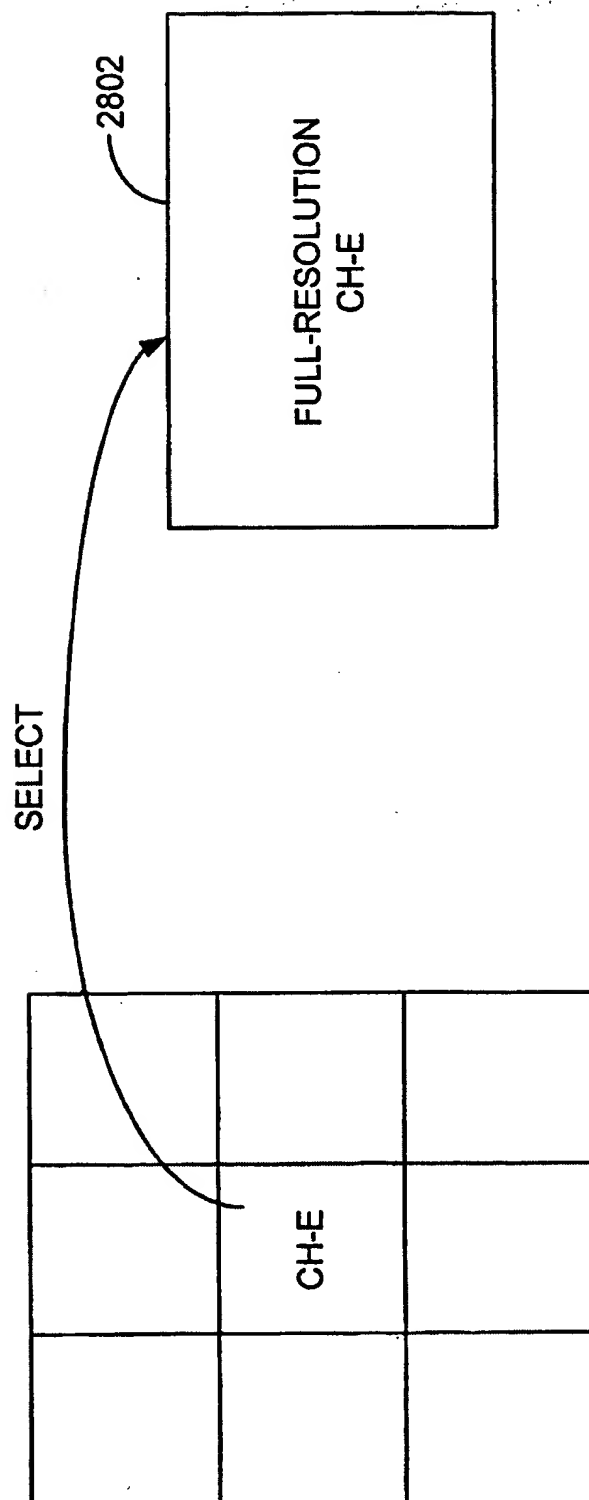


FIG. 28.

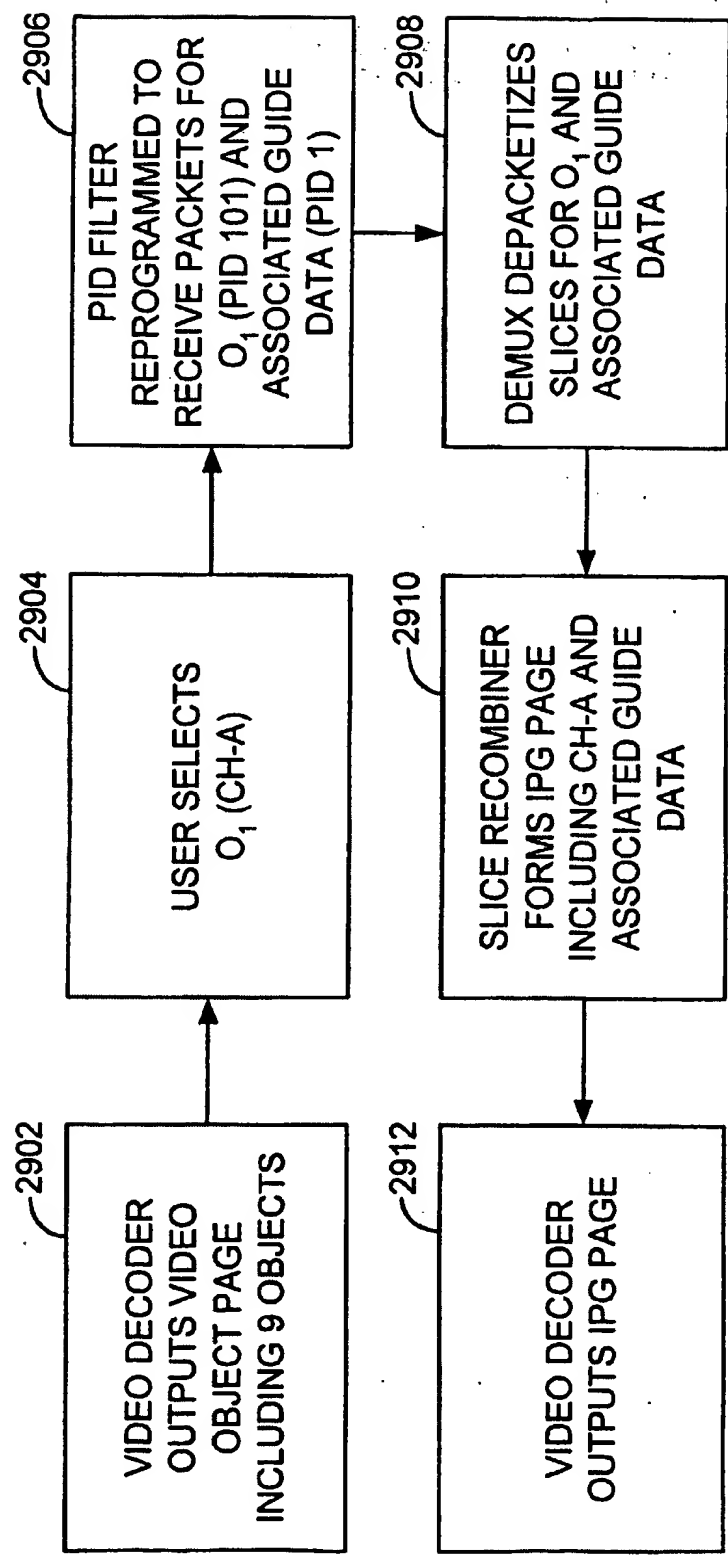


FIG. 29.

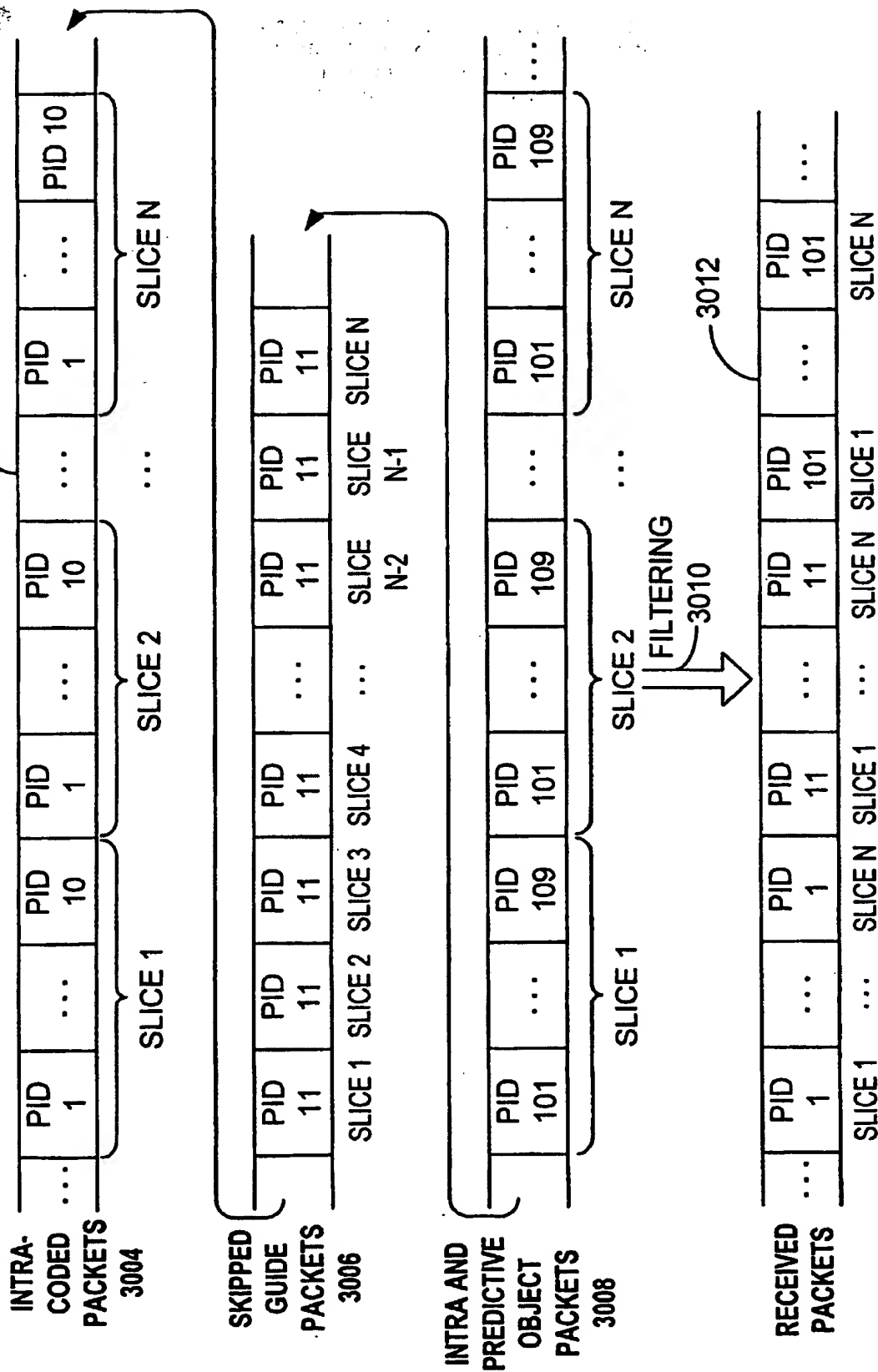


FIG. 30.

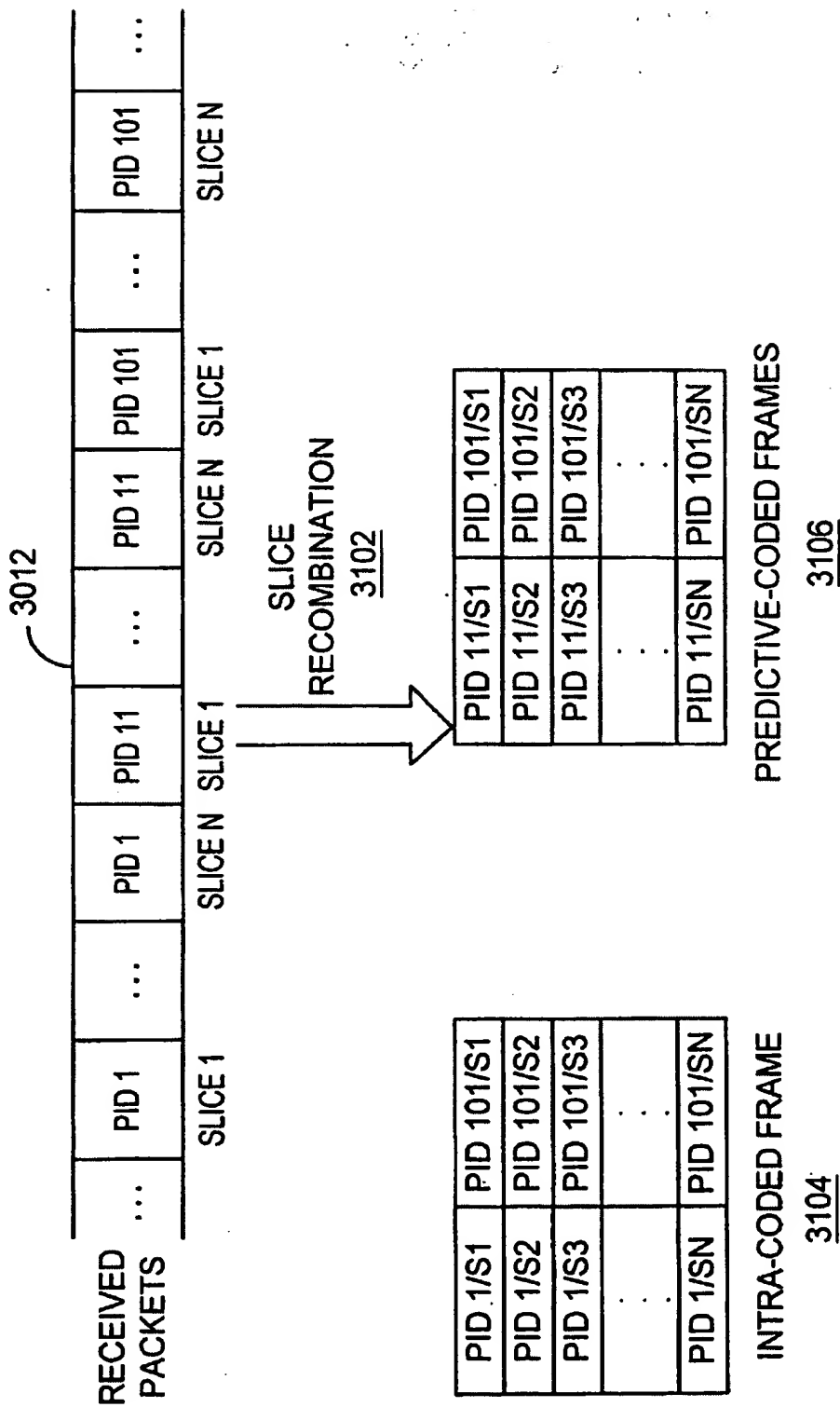


FIG. 31.

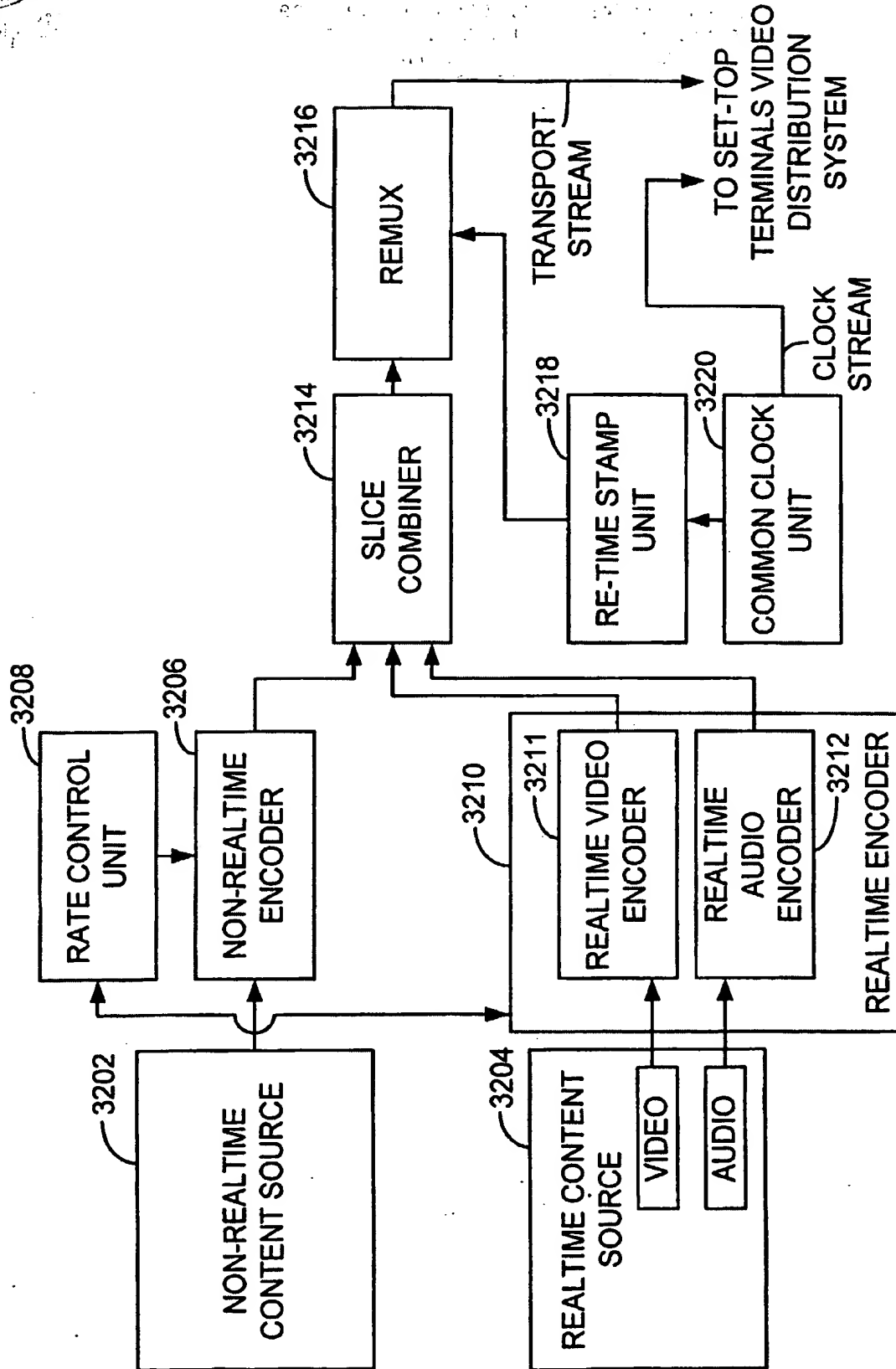


FIG. 32.